

**AMENDMENTS TO THE SPECIFICATION:**

Please replace the paragraph beginning on page 1, line 2 and ending on page 1, line 5, with the following amended paragraph:

The present invention relates to a novel and useful copolymer based on ~~non-conjugated~~ non-conjugated cyclic polyene, to a rubber composition containing such copolymer and a rubber based on diene and to uses of them.

Please replace the paragraph beginning on page 3, line 15 and ending on page 3, line 16 with the following amended paragraph:

an intrinsic viscosity  $[\eta]$ , determined in ~~decalin~~ Decalin at  $135^{\circ}\text{C}$ , in the range of 0.01 to 20 dl/g,

Please replace the paragraph beginning on page 4, line 6 and ending on page 4, line 7 with the following amended paragraph:

an intrinsic viscosity  $[\eta]$ , determined in ~~decalin~~ Decalin at  $135^{\circ}\text{C}$ , in the range of 0.01 to 20 dl/g,

Please replace the paragraph beginning on page 6, line 8 from the bottom of the page to page 7, line 14 with the following amended paragraph:

(7) A rubber composition comprising

(A) a random copolymer based on non-conjugated cyclic polyene comprising structural units originated from one or more  $\alpha$ -olefins (A1) and originated from one or more non-conjugated cyclic polyenes (A2), the said random copolymer having characteristic features comprising a content of the structural unit(s) originated from the said one or more  $\alpha$ -olefins (A1) in the range of 93 to 70 mole %; a content of the structural unit originated from the said one or more non-conjugated cyclic polyenes (A2) in the range of 7 to 30 mole %; an intrinsic viscosity  $[\eta]$ , determined in ~~decalin~~ Decalin at 135°C, in the range of 0.01 to 20 dl/g; a glass transition temperature (Tg) of not higher than 40°C; and an iodine value in the range of 50 to 150, and

(B) a rubber based on diene,

wherein the weight proportion of (the random copolymer based on non-conjugated cyclic polyene) versus (the rubber based on diene), namely, (A/(B), is in the range of 60/40 to 0.1/99.9.

Please replace the paragraph beginning on page 7, line 15 and ending on page 8, line 12, with the following amended paragraph:

(8) A rubber composition comprising

(A) a random copolymer based on non-conjugated cyclic polyene comprising structural units originated from one or more  $\alpha$ -olefins (A1), originated from one or more non-conjugated cyclic polyenes (A2) and originated from one or more non-conjugated linear polyenes (A3), the said random copolymer having characteristic features comprising

a content of the structural unit(s) originated from the said one or more  $\alpha$ -olefins (A1) in the range of 97.9 to 55 mole %; a content of the structural unit originated from the said one or more non-conjugated cyclic polyenes (A2) in the range of 2 to 30 mole %; a content of the structural unit originated from the said one or more non-conjugated linear polyenes (A3) in the range of 0.1 to 15 mole %; an intrinsic viscosity  $[\eta]$ , determined in ~~decalin~~ Decalin at 135°C, in the range of 0.01 to 20 dl/g; a glass transition temperature (Tg) of not higher than 40°C; and an iodine value in the range of 5 to 150, and

(B) a rubber based on diene,

wherein the weight proportion of (the random copolymer based on non-conjugated cyclic polyene) versus (the rubber based on diene), namely, (A/(B), is in the range of 60/40 to 0.1/99.9.

Please replace the paragraph beginning on page 9, line 17 and ending on page 10, line 9 with the following amended paragraph:

The copolymer based on non-conjugated cyclic polyene to be incorporated according to the present invention is a random copolymer comprising structural unit(s) originated from one or more  $\alpha$ -olefins (A1) and a structural unit originated from one or more non-conjugated cyclic polyenes (A2) and has characteristic features comprising a content of the structural unit(s) of the  $\alpha$ -olefin(s) (A1) in the range from 93 to 70 mole %, preferably from 93 to 75 mole %, more preferably from 93 to 80 mole %, a content of the structural unit of the non-conjugated cyclic polyene (A2) in the range from 7 to 30 mole %, preferably from 7 to 25 mole %, more preferably from 7 to 20 mole %, an intrinsic viscosity  $[\eta]$ , determined in decalin Decalin (decahydronaphthalene) (decahydronaphthalene) at 135°C, in the range from 0.01 to 20 dl/g, preferably from 0.1 to 10 dl/g, more preferably from 0.5 to 5 dl/g, a glass transition temperature (Tg) of not higher than 40°C, preferably in the range from -30°C to +20°C, more preferably from -30°C to +15°C, most preferably from -30 to +10°C, and an iodine value in the range from 35 to 150, preferably from 35 to 130, more preferably from 35 to 120.

Please replace the paragraph beginning on page 10, line 10 and ending on page 11, line 7 with the following amended paragraph:

The copolymer based on non-conjugated cyclic polyene to be incorporated according to the present invention may also be a random copolymer comprising structural unit(s) originated from one or more  $\alpha$ -olefins (A1) and structural units originated from a non-conjugated cyclic polyene (A2) and originated from one or more non-conjugated linear polyenes (A3) and has characteristic features comprising a content of the structural unit(s) originated from the  $\alpha$ -olefin(s) (A1) in the range from 97.9 to 55 mole %, preferably from 97 to 70 mole %, more preferably from 97 to 80 mole %, a content of the structural unit originated from the non-conjugated cyclic polyene (A2) in the range from 2 to 30 mole %, preferably from 2.5 to 25 mole %, more preferably from 2.5 to 15 mole %, a content of the structural unit(s) originated from the non-conjugated linear polyene(s) (A3) in the range from 0.1 to 15 mole %, preferably from 0.5 to 10 mole %, more preferably from 0.5 to 5 mole %, an intrinsic viscosity  $[\eta]$ , determined in ~~decalin~~ Decalin (decahydronaphthalene) at 135°C, in the range from 0.01 to 20 dl/g, preferably from 0.1 to 10 dl/g, more preferably from 0.5 to 5 dl/g, a glass transition temperature (Tg) of not higher than 40°C, preferably in the range from -30°C to +20°C, more preferably from -30°C to +10°C, and an iodine value in the range from 5 to 150, preferably from 10 to 130, more preferably from 10 to 120.